

## Trichoderma asperellum strain T34

Trichoderma asperellum strain T34 is a naturally occurring fungus that increases plant defenses against Fusarium oxysporum, a pathogenic, soil-born fungus of significant economic importance in the United States. When Trichoderma asperellum strain T34 (“T34”), is preventatively applied, it protects plants from this disease-causing organism by initially colonizing the roots and building a physical barrier against pathogens. T34 induces the synthesis of defense proteins in the plant, which increases the plants’ resistance to infection by Fusarium oxysporum. T34 also has the ability to parasitize and kill the plant pathogen. Biocontrol Technologies, S.L. (“applicant”) has proposed to register an end-use microbial pesticide product, T34 Biocontrol (EPA File Symbol 87301-R), containing T34 as the active ingredient. The proposed product is intended for use in greenhouses to control Fusarium oxysporum on nonfood crops, specifically, carnations.